

Claims

1. A driver for pivotable connection of linkage in a wiper mechanism, the driver comprising:
 - 5 a body portion having a part spherical outer surface for mating with a bearing surface of a connecting linkage;
 - a base portion for locating the body portion a predetermined distance from a lever to which the driver is mounted; and
 - fixing means for fixing the driver to the lever, the fixing means allowing the
 - 10 driver to be orientated with respect to the lever whereby the effective length of the lever is varied by varying the orientation of the driver.
2. The driver of claim 1 wherein the fixing means allows the driver to be fixed to the lever at a desired orientation, said orientation being determined by rotation of the
 - 15 body portion about a mounting axis which is parallel to but spaced from an axis of symmetry of the body portion.
3. The driver of claim 2 wherein the fixing means includes a shank and a hole in the lever through which the shank extends.
- 20 4. The driver of claim 3 wherein the hole is non-circular and the shank is non-circular and keyed to the hole.
5. The driver of claim 4 wherein the shank is integral with the base portion and
 - 25 non-coaxial with an axis of symmetry of the body portion.
6. The driver of claim 5 wherein the shank has a threaded distal end and the fixing means includes a nut screwed onto the threaded distal end of the shank to fix the driver to the lever.
- 30 7. The driver of claim 5 wherein the shank has an axially extending internally threaded hole and the fixing means further includes a screw threadedly engaged with the threaded hole in the shank to nip the driver to the lever.
- 35 8. The driver of claim 3 wherein the shank has a multi-sided geometric cross section.
9. The driver of claim 3 wherein the shank is hexagonal.

10. The driver of claim 3 wherein the hole has a multi-sided geometric cross section.

5 11. The driver of claim 3 wherein the hole has the same geometric cross section as the shank.

10 12. The driver of claim 3 wherein the shank is a part of a shaft of a screw, the shaft having a threaded free end; wherein the body portion has a through hole coaxial with the mounting axis and shaped to key with the shank in a number of orientations and wherein a nut is screwed onto the threaded free end of the shaft to nip the driver to the lever.

15 13. The driver of claim 3 wherein the fixing means includes a screw and the shank is a part of a shaft of the screw, the screw has a threaded free end having an axis which is offset from an axis of the shank, the screw being threadedly engaged with an internally threaded hole in the base portion, said hole being coaxial with the axis of symmetry of the body portion.

20 14. The driver of claim 3 wherein the fixing means includes a screw and the shank is a part of a shaft of the screw, the screw has a threaded free end which is non-coaxial with the shank, the screw passing through a hole in the body portion, said hole being coaxial with the axis of symmetry of the body portion, and a nut engaging the screw nips the driver to the lever.

25 15. The driver of claim 3 wherein the fixing means includes a screw threadedly engaged with a hole in the base portion, said hole being coaxial with the axis of symmetry of the body portion, and the shank is a separate spacer having an offset through hole accommodating the screw.

30 16. The driver of claim 3 wherein the fixing means includes a screw passing through a hole in the base portion, said hole being coaxial with the axis of symmetry of the body portion, and the shank is a separate spacer having an offset through hole accommodating the screw.

35 17. The driver of claim 1 when used in a wiper mechanism having a pivot lever having more than one hole for mounting the driver.